Stock Managing System

Customer
+ customerID: String
+ name: String
# contact: String
# address: String
+ createOrder()
+ cancelOrder()
+ updateDetails()

Supplier
+ SupplierID: String
+ name: String
- contact: int
- company: String
+ SupplyProducts()
+ generateProducts()
+ updateDetails()
+ manageOrders()

Inventory Management
+ managerID: String
+ name: String
+ contact: int
+ email: String
- monitorStock()
+ reorderProducts()
+ generateReport()
+ updateInventory()

Order
+ ID: int
+ totalamt: double
+ date: date
+ Status: OrderStatus
+ placeOrder()
+ cancelOrder()
+ confirmOrder()
+ trackOrder()

Product
+ ProductID: String
+ name: String
+ quantity: int
+ price: double
+ updateStock()
+ setPrice()
+ checkAvailability()

Payment
+ PaymentID: int
+ price: double
+ PaymentStatus: String
+ mode: String
+ makePayment()
+ status()

<<enumeration>>
OrderStatus
confirmed
pending
delivered
cancelled

MakeNorder
+ makePayment()
+ cancelOrder()
+ updateOrder()

Relationships / labels:
- orders
- 0..*
- supplies product — 1..*
- managed Products — 0..*
- initiate Payment
- makePayment